

What is claimed is:

1. A microreplicated shaving surface comprising:
a substrate;
a plurality of longitudinal micro-shaving elements projecting outwardly from a surface of said substrate, said micro-shaving elements being arranged in at least one row with each micro-shaving element being spaced away from and approximately parallel to the next successive micro-shaving element; and
wherein
each of said plurality of micro-shaving elements defines a cutting edge extending longitudinally thereof.
2. A microreplicated shaving surface as defined by claim 1
wherein said substrate and said plurality of micro-shaving elements are metallic.
3. A microreplicated shaving surface as defined by claim 2
wherein said substrate and said plurality of micro-shaving elements are formed from amorphous metal.
4. A microreplicated shaving surface as defined by claim 1
wherein said longitudinal micro-shaving elements define a substantially triangular cross section.
5. A microreplicated shaving surface as defined by claim 4
wherein said longitudinal micro-shaving elements each define a leading surface inclined at a first rake angle and a trailing surface inclined at a second rake angle.
6. A microreplicated shaving surface as defined by claim 5
wherein said first and second rake angles are different.
7. A microreplicated shaving surface as defined by claim 5
wherein said first and second rake angles are the same.

8. A microreplicated shaving surface as defined by claim 1 wherein said substrate and said micro-shaving elements are formed from stainless steel.

9. A microreplicated shaving surface as defined by claim 1 wherein said substrate and said micro-shaving elements are formed from tungsten.

10. A microreplicated-shaving surface as defined by claim 1 wherein each of said cutting edges are formed by electro-chemical machining.

11. A microreplicated shaving surface as defined by claim 1 wherein:

said substrate and said plurality of microshaving surfaces are unitary and made from a first material; and

each of said plurality of microshaving elements is at least partially coated with a second material.

12. A microreplicated shaving surface as defined by claim 11 wherein said first material is metallic and said second material is amorphous metal.

13. A microreplicated shaving surface as defined by claim 11 wherein said first material is ceramic and said second material is metallic.

14. A microreplicated shaving surface as defined by claim 11 wherein said first material is metallic and said second material is ceramic.

15. A method for making a microreplicated shaving surface comprising the steps of:

providing a substrate;

processing said substrate to form a plurality of elongated microshaving elements, each having an outwardly facing cutting edge; and sharpening said cutting edges.

16. A method as defined by claim 15 wherein said step of processing said metallic substrate to form a plurality of elongated microshaving elements includes forming said microshaving elements to have a triangular cross section

17. A method as defined by claim 16 wherein said cutting edge is formed on an outermost edge defined by each microshaving element by electrochemical machining.

18. A method as defined by claim 15 wherein said step of processing said metallic substrate material includes embossing said substrate material to form said microshaving elements.

19. A method as defined by claim 15 wherein said step of providing a substrate includes providing an amorphous metal substrate.

20. A method as defined by claim 15 wherein said step of processing said metallic substrate material includes casting said metallic substrate material to form said microreplicated shaving surface having said plurality of elongated microshaving elements.